

SUBSTITUTE FORM PTO-1449
(MODIFIED)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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09/302,334INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Chien-Chung Cheng et al.FILING DATE
April 30, 1999

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
AB					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AC	Chang et al., "Metal Ion Dependent Binding and Nuclease Activity of Hexaazacyclophane", Journal of the Chinese Chemical Society 43:73-75, 1996.
AD	Kappen et al., "Bulge-Specific Cleavage in Transactivation Response Region RNA and Its DNA Analogue by Neocarzinostatin Chromophore", Biochemistry 34:5997-6002, 1995.
AE	Kappen et al., "Characterization of a Covalent Monoadduct of Neocarzinostatin Chromophore at a DNA Bulge", Biochemistry 36:14861-14867, 1997.
AF	Kappen et al., "DNA Conformation-Induced Activation of an Enediyne for Site-Specific Cleavage", Science 261:1319-1321, 1993.
AG	Kappen et al., "Site-Specific Cleavage at a DNA Bulge by Neocarzinostatin Chromophore Via a Novel Mechanism", Biochemistry 32:13138-13145, 1993.
AH	Kunkel, "Misalignment-mediated DNA Synthesis Errors", Biochemistry 29:8003-8011, 1990.
AI	Lilley, "Kinking of DNA and RNA by Base Bulges", Proc. Natl. Acad. Sci. USA 92:7140-7142, 1995.
AJ	Malkov et al., "Photocross-linking of the NH ₂ -terminal Region of Taq MutS Protein to the Major Groove of a Heteroduplex DNA", Journal of Biological Chemistry 272:23811-23817, 1997.
AK	Rice et al., "DNA Bending by the Bulge Defect", Biochemistry 28:4512-4516, 1989.
AL	Rommens et al., "Rapid Nonradioactive Detection of the Major Cystic Fibrosis Mutation", Am. J. Hum. Genet. 46:396-397, 1990.
AM	Stassinopoulos et al., "Probing the Structure of Long Single-Stranded DNA Fragments with Neocarzinostatin Chromophore. Extension....", Biochemistry 34:15359-15374, 1995.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
BB					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

BC	Stassinopoulos et al., "Solution Structure of a Two-Base DNA Bulge Complexed with an Eneidyne Cleaving
	Analog", Science 272:1943-1946, 1996
BD	Streisinger et al., "Frameshift Mutations and the Genetic Code", Cold Spring Harb Symp Quant Biol. 31:77-84
	1966.
BE	Triggs-Raine et al., "Diagnostic Heteroduplexes: Simple Detection of Carriers of a 4-bp Insertion Mutation in
	Tay-Sachs Disease", Am. J. Hum. Genet. 46:183-184, 1990.
BF	Turner, "Bulges in Nucleic Acids", Current Opinion in Structural Biology 2:334-337, 1992.
BG	Wang et al., "Effects of Bulge Composition and Flanking Sequence on the Kinking of DNA by Bulged Bases",
	Biochemistry 30:1358-1363, 1991.
BH	Wang et al., "RecA Binding to Bulge- and Mismatch-containing DNAs", The Journal of Biological Chemistry
	268:17571-7577, 1993.
BI	Williams et al., "Selective Strand Scission by Intercalating Drugs at DNA Bulges", Biochemistry 27:3004-3011
	1988.
BJ	Yang et al., "Specific Binding of the Biradical Analog of Neocarzinostatin Chromophore to Bulged DNA:
	Implications for Thiol-Independent Cleavage", Biochemistry 34:2267-2275, 1995.
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